

- 1 -

piece 1, NC_000913, nrfG_gltP-, config: linear, direction: -, begin: 4292533, end: 4292143

5' *4292530 * *4292520 * *4292510 * *4292500 * *4292490 * *4292480 * *4292470 * *4292460 *
- pro - gly - gln - ala - glu - phe - tyr - ile - phe - his - met - asn - asp - phe - leu - asn - gly - ala - pro - phe - pro - val - gln - lys - arg - glu - asn -
- gln - ala - arg - leu - asn - phe - ile - phe - phe - ile - fMet - thr - ser - ser - met - glu - arg - arg - ser - pro - phe - arg - asn - ala - arg - thr -
- arg - pro - gly - fMet - thr - tyr - cys - gln - gly - met - asn - cys - val - ala - leu - val - cys - arg - phe - phe -
- fMet - leu - arg - trp - phe - val - asp - phe - phe - asn - ala - tyr - asp - gln - tyr - his - leu - arg - gly -
- fMet - ile - ser - ile - ile - cys - ala - val -

[NC_000913.gltP

5' *4292450 * *4292440 * *4292430 * *4292420 * *4292410 * *4292400 * *4292390 * *4292380 *
- val - thr - tyr - cys - gln - gly - met - asn - cys - val - ala - leu - val - cys - arg - phe - phe -
- fMet - leu - arg - trp - phe - val - asp - phe - phe - asn - ala - tyr - asp - gln - tyr - his - leu - arg - gly -
- fMet - ile - ser - ile - ile - cys - ala - val -

p35 3.5 bits

p10 4.7 bits

p10 6.4 bits

{-----} p35-(23)-p10 4292410 Gap 1.4 bits

p10 6.3 bits

|-----| p35-p10 4292410 total 6.7 bits

{-----} p35-(24)-p10 4292393 Gap 2.4 bits
p35-p10 4292393 total 6.7 bits

{-----} p35 3.9 bits

{-----} p35-(22)-p10 4292384 Gap 2.3 bits
p35-p10 4292384 total 7.9 bits

5' *4292370 * *4292360 * *4292350 * *4292340 * *4292330 * *4292320 * *4292310 * *4292300 *
- met - leu - arg - asn - pro - leu - thr - thr - glu - leu - phe - ala - ala - leu - met - his - asn - asn - ala - ser - leu - trp - gln - asp -
- cys - cys - ala - thr - leu - fMet - ala - gly - leu - met - asn -

ir nrfG_gltP-

sd
{-----} sd-(8)-ir 4292308 Gap 2.4 bits
sd-ir 4292308 nrfG_gltP- total 5.2 bits

sd

{-----} sd-(5)-ir 4292296 Gap 5.4 bits
sd-ir 4292296 nrfG_gltP- total 10.6 bits

5' *4292290 * *4292280 * *4292270 * *4292260 * *4292250 * *4292240 * *4292230 * *4292220 * *4292210
- ser - his - leu - leu - trp - lys - asp - phe - tyr - leu - phe - ser - leu - gln - fMet - ile - ile - phe - gly - ile - cys - ser - phe -
- fMet - glu - arg - phe - leu - phe - val - fMet - ala - tyr - val - his - ser - fMet - phe - ile - arg -

p35 4.7 bits

p35 4.8 bits

p10 3.0 bits

{-----} orf 21 codons

p10 4.5 bits

p10 3.5 bits

ir nrfG_gltP-

p10 4.5 bits

p35 2.9 bits

{-----} p35-(24)-p10 4292259 Gap 2.4 bits
p35-p10 4292259 total 6.7 bits

... p35-(23)-p10 4292205 Gap 6.7 bits
... p35-p10 4292205 total 6.7 bits

